

INDUSTRIAL COMPONENT DATA

DC1-S24D3NN-A20CE1 186079 Y7-186079 EATON ELECTRIC Variable frequency drives, 1-/single-phase 230 V, 4.3 A, ..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-S24D3NN-A20CE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-S24D3NN-A20CE1
Catalog number	Y7-186079
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5C30B0672D
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Product Overview

Variable frequency drives, 1-/single-phase 230 V, 4.3 A, 0.37 kW

DC1-S24D3NN-A20CE1

Eaton DC1 Variable frequency drive, 230 V AC, 1-phase, 4.3 A, 0.37 kW, IP20/NEMA 0, FS1 DC1-S24D3NN-A20CE1
Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 230 \text{ V AC}$, 1-phase, 240 V AC, single-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, single-phase, 240 V AC, single-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 4.3 \text{ A}$, Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of $+50^\circ\text{C}$, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For AC motors with internal and external ventilation with 50/60 Hz without additional start capacitor, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.37 \text{ kW}$, 150 % Overload: $I_M = 4.3 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 0.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 4.3 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: 7-digital display assembly, Frame size: FS1, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3,....

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path EATON - MOELLER > Power XL Frequency Converters

Additional Product Information

General specifications

Product Name Eaton DC1 Variable frequency drive Catalog Number 186079 Model Code DC1-S24D3NN-A20CE1 EAN

4015081815807 Product Length/Depth 124 mm Product Height 184 mm Product Width 81 mm Product Weight 1.2 kg

Certifications CSA-C22.2 No. 14

IEC/EN 61800-3

UL 508C

Specification for general requirements: IEC/EN 61800-2

EAC

IEC/EN61800-3

UL Category Control No.: NMMS, NMMS7

IEC/EN61800-5

Safety requirements: IEC/EN 61800-5-1

UkrSEPRO

CE

RCM

RoHS, ISO 9001

UL File No.: E172143

Certified by UL for use in Canada

UL

UL report applies to both US and Canada

CUL Catalog Notes Environmental class: 3C2, 3S2 Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: 7-digital display assembly

Internal DC link

PC connection

IGBT inverter

Control unit

Additional PCB protection General

Cable length 100 m, screened, with motor choke, maximum permissible, Motor feeder

75 m, unscreened, maximum permissible, Motor feeder

50 m, screened, maximum permissible, Motor feeder

150 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface SmartWire-DT, optional

Modbus RTU, built in

CANopen®, built in

OP-Bus (RS485), built in Connection to SmartWire-DT In conjunction with DX-NET-SWD3 SmartWire DT module

Yes Degree of protection IP20

NEMA 0 Frame size FS1 Mounting position Vertical Product category Variable frequency drives Protection Fi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-S24D3NN-A20CE1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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